INTERNATIONAL SEARCH REPORT

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By Express Mail No. EV 028043258 US

PCT/FR2004/001968

A CLASS	SEICATION OF SUBJECT MATTED		
PC 7	FICATION OF SUBJECT MATTER E21B17/01		
Acresians	- International Patent Olars III vi (IDO)		
	o International Patent Classification (IPC) or to both national classific	cation and IPC	
	ocumentation searched (classification system followed by classification	lion symbols)	
IPC 7	E21B	symbols,	
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Documenta	tion searched other than minimum documentation to the extent that	such documents are included in the fields s	earched
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Electronic d	Into have consulted during the Laboration of the Consultant of the		
1	ata base consulted during the International search (name of data bases and a search search (name of data bases a search s	ase and, where practical, search terms used	d)
EPO-In	ternai		
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C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to claim No.
Χ	WO 01/04454 A (BOUYGUES OFFSHORE	: ROCHER	1,6,7,
	XAVIER (FR); DAUPHIN RAPHAEL (FR); GASSE)	11-17
	18 January 2001 (2001-01-18)		
	cited in the application claims 1-14; figures 1-13		
	Divulgation implicite pour reven	dication	
	12.		
	Revendications 7, 15-17 manquent		
	d'activité inventive par rapport	à ce	
	document considéré seul.	:	
Α	US 6 193 441 B1 (FISHER EDMUND A	` i	1
	27 February 2001 (2001-02-27)	,	*
	abstract; figures 1,3,4,7,8		
А	US 4 078 605 A (JONES MARVIN R)		•
^	14 March 1978 (1978-03-14)		1.
	abstract; figure 2		
Furth	er documents are listed in the continuation of box C.	χ Patent family members are tisted in	n annex.
° Special cat	egories of cited documents :	*T* later document published after the inte	mational filing date
"A" docúme	nt defining the general state of the art which is not ered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or the	the application but
'E' earlier d	ocument but published on or after the international	invention *X* document of particular relevance; the c	, ,
filing da 'L' documer	nt which may throw doubts on priority claim(s) or	cannot be considered novel or cannot involve an inventive step when the do	be considered to
Which is	s cited to establish the publication date of another or other special reason (as specified)	"Y" document of particular relevance; the ci	laimed invention
O docume other m	nt referring to an oral disclosure, use, exhibition or peans	cannot be considered to involve an involve document is combined with one or mo	re other such docu-
'P' docume	nt published prior to the international filing date but	ments, such combination being obviou in the art.	,
	ctual completion of the international search	*&* document member of the same patent f	
24.3 O: 1116 B	one competion of the international search	Date of mailing of the International sear	ch report
22	November 2004	30/11/2004	
Name and m	alling address of the ISA	Authorized officer	
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk		j
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Tompouloglou, C	i

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Information on patent family members

national Application No	
PCT/FR2004/001968	

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0104454	A	18-01-2001	FR AT AU BR DE EP WO NO US	2796441 A1 257544 T 6165300 A 0012737 A 60007634 D1 1194677 A1 0104454 A1 20020101 A 6524152 B1	19-01-2001 15-01-2004 30-01-2001 20-08-2002 12-02-2004 10-04-2002 18-01-2001 08-03-2002 25-02-2003
US 6193441	B1	27-02-2001	BR US US	0002848 A 2001001633 A1 2001041098 A1	30-01-2001 24-05-2001 15-11-2001
US 4078605	Α	14-03-1978	NONE		